# INDEX.


| | PAGE |
|---|---|
| Algeria and Western Europe Minimum Temperatures | 2 |
| Analysis of Rain Collected in English Towns | 176 |
| Aneriod Barometers | 177 |
| August, Rainy, A | 116 |
| August 3rd and 4th, 1891, The Thunderstorm of | 106 |
| August 18th, The Cyclone of, at Martinique | 167 |
| Barometer, Low, on October 13th and 14th, 1891 | 145 |
| Barometers, Aneriod | 177 |
| Barometric Depression of November 11th, 1891, The | 146 |
| Bench Marks, Ordnance | 183 |
| Bibliography, Meteorological ...113, | 147 |
| Brazil, The Temperature and Rainfall of | 161 |
| Changeable May, A ..65, | 87 |
| Climate, The, of the British Empire during 1890 | 137 |
| Climatological Tables for the British Empire 12, 28, 44, 60, 76, 92, 108, 124, 140, 156, 172, | 184 |
| Cloud at Greenwich, On | 88 |
| Coldest Month, The 40, | 59 |
| Conference, The Munich...148, 168, | 180 |
| Corporation Observatory, Another | 105 |
| Croydon Springs and Dry Years | 90 |
| Cyclone, The, of August 18th, Martinique | 167 |
| December 14th, 1890, Bright Meteor 11, 27, | 43 |
| Dry Years and Croydon Springs | 90 |
| Early Meteorology 16, 26, | 64 |
| England and Scotland, Winter Temperature in | 100 |
| English Lakes, Excessive Rain in the | 144 |
| Errata in *Met. Mag.*, 1890 | 96 |
| Europe, Western, and Algeria, Minimum Temperatures | 2 |
| February, 1891, Rainfall of | 17 |
| Ferrel, Wm., Obituary | 129 |
| Forecasts, Indian Monsoon | 97 |
| Frost Penetration | 8 |
| Frost, The, of 1890-91 | 1 |
| Grass Thermometers in time of Snow | 9 |
| Greenwich, Cloud at | 88 |
| Halos and Parhelia, Theory of...49, 69, 86, | 101 |
| Heligoland | 150 |
| Hygrometric Observation, An Enemy to | 153 |
| Indian Monsoon Forecasts | 97 |
| Inside a Waterspout ...151, | 181 |
| Lakes, Excessive Rain in the English | 144 |
| Léon, Rainfall at | 182 |
| Lightning, Two Men Struck by | 112 |
| March, The Great Snowstorm of 33, 64, | 75 |
| Martinique, The Cyclone of August 18th, 1891 | 167 |
| May, A Changeable 65, | 87 |
| Men, Two, Struck by Lightning | 112 |
| Merle's MS. Observations, A.D. 1337-1344 16, 26, | 64 |
| Meteor, Bright, December 14th, 1890 11, 27, | 43 |
| Meteorological Bibliography ...113, | 147 |
| Meteorological Notes on the Months 15, 31, 47, 63, 79, 95, 111, 127, 143, 159, 175 | 187 |
| Meteorological Society, The Royal 10, 25, 55, 74, 84, 168, | 179 |
| Meteorology, Early 16, 26, | 64 |
| Mexico, Rainfall in | 182 |
| Minimum Temperatures in Western Europe and Algeria | 2 |
| Monsoon, Indian, Forecasts | 97 |
| Munich Conference, The ..148, 168, | 180 |
| November 11th, 1891, The Barometric Depression of | 146 |
| Obituary, William Ferrel | 129 |
| Observations, Phenological | 5 |
| Observatory, Another Corporation | 105 |
| October and the First Ten Months of 1891, Rainfall of | 153 |
| October 13th and 14th, Low Barometer on | 145 |
| Ordnance Bench Marks | 183 |
| Origin of a Whirlwind | 11 |
| Parhelia and Halos, Theory of 49, 69, 86, | 101 |

Phenological Observations ..... 5
Producing Rain Artificially .....81, 134
Radiation, Great Terrestrial ..... 48
Rain, Artificially producing .....81, 134
Rain collected in English Towns, Analysis of ..... 176
Rain, Excessive, in the English Lakes ..... ..... 144
Rain making ..... .....81, 134
Rainfall and Temperature of Brazil 161
Rainfall and Temperature, Monthly 14, 30, 46, 62, 78, 94, 110, 126, 142, 158, 174, 186
Rainfall at Léon ..... ..... 182
Rainfall in February, 1891 .. ..... 17
Rainfall, The, of October, and the First ten months of 1891 ..... 153
Rainy August, A ..... 116

REVIEWS:—

Results of Magnetical and Meteorological Observations made at the Royal Observatory, Greenwich in 1888, under the direction of W.H. M. Christie, M.A., F.R.S. Astronomer Royal ..... 6
Bulletin Annuel de la Commission de Météorologie du Département des Bouches du Rhone ... 57
Meteorological observations made at the Adelaide Observatory and other places in South Australia and the Northern Territory, during 1883 and 1888, under the direction of C. Todd, C.M.G., F.R.S. ..... 58
The Meteorological Results of the Challenger Expedition in relation to Physical Geography, by A. Buchan, M.A., L.L.D. Sec. Scot. Met. Soc. ..... ... 90
Annales de l'Observatoire Impérial de Rio de Janeiro publiées par L Cruls Directeur ... 103
Die Blitzgefahr No. 2, Einfluss der Gas und Wasserleitungen auf die Blitzgefahr, Herausgegeben im Auftrage des Elektrotechnischen Vereins Von F. Neesen. 104
Annual Report of the Board of Regents of the Smithsonian Institution, showing the operations, &c. to July, 1888. ..... 104
Meteorologische Volksbücher Ein beitrag zur Geschichte der Meteorologie und zur Kulturgeschichte, Von Prof. Dr. G. Hellmann ..... 132

Scotland and England Winter Temperature in ..... 100
Shower, Something like a ..... 107
Signal Service, The U.S.A. ..... 43
Snow, Grass Thermometer in time of 9
Snowstorm, the Great, of March, 1891 ..... 33, 64 75
Something like a Shower ..... 107
Springs, Croydon and Dry Years ... 90
Sunlight and Sunshine ..... 87, 104
Sunshine Recorders .....87, 104
Supplementary Tables of Rainfall 13, 29, 45, 61, 77, 93, 109, 125, 141, 157, 173, 185
Temperature and Rainfall of Brazil, The ..... ..... 161
Temperatures Minimum in Western Europe and Algeria ..... ..... 2
Temperature Underground ..... 130
Temperature, Winter, in England 100
Terrestrial Radiation Great ..... 48
Theory of Halos and Parhelia, The 49, 69, 86, 101
Thermometers Grass in time of Snow 9
Thunderstorms of August 3rd and 4th, 1891 ..... 106
Underground Temperature ..... 130
U.S.A. Signal Service, The ..... 43
United States Weather Bureau, The .....83, 169, 183
Waterspout, Inside a ..... 151, 181
Weather Analysis for five years, 1886-90, A ..... 152
Weather Bureau, The United States .....83, 169, 183
Weather Records at Old Park, Rusper, Sussex, 12 years 1879-91 41
Whirlwind, Origin of a ..... 11
Winter Temperature in England and Scotland, The .. ..... 100